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Joint Inventors

## Declaration, Power of Attorney, and Petition

We, 40100 1. Sergio Rosini 40200 2. Giorgio Staibanodeclare that we are respectively citizens  
of Italy residing respectively at1. and 2. - 112 Mazzini Street - Pisa (Italy) ITX; that we have  
read and understand the foregoing specification and claims and we verily believe we are the original, first, and joint  
inventors of the invention in PHARMACOLOGICALLY ACTIVE BIPHOSPHONATES, PROCESS

FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS THEREFROM.  
described and claimed therein; that we do not know and do not believe that this invention was ever known or used in the  
United States before our invention thereof, or patented or described in any printed publication in any country before  
our invention thereof, or more than one year prior to this application; or in public use or on sale in the United States  
more than one year prior to this application; that this invention has not been patented or made the subject of an inven-  
\*in ac- tor's certificate in any country foreign to the United States on an application filed by us or our legal representatives or  
tordance with 37 assigns more than twelve months before this application; that we acknowledge a duty to disclose information we are  
CFR 1.56 aware of which is material to the examination of this application; and that no application for patent or inventor's cert.  
(a) filed on this invention has been filed by us or our representatives or assigns in any country foreign to the United States,  
except as follows:

I claim priority under 35 USC 119 of Italian 20781/A/82 filed April 15, 1982 and I have a  
identified below any foreign application for patent or inventor's certificate having a filing  
date before that of the application on which priority is claimed: NONE

I claim the benefit under 35 USC 120 of U.S. 480,264 filed March 30, 1983 insofar as the  
subject matter of each of the claims of this application is not disclosed in the prior U.S.  
application in the manner provided by the first paragraph of Title 35 USC 112, I acknowledge  
the duty to disclose material information as defined in Title 37 CFR 1.56(a) which occurred  
between the filing date of the prior application and filing date of this application.

We declare further that all statements made herein of our own knowledge are true and that all statements made on  
information and belief are believed to be true; and further that these statements were made with the knowledge that  
willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of  
Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application  
or any patent issuing thereon.

And we hereby appoint

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Ralph E. Bucknam Reg. No. 14,814, Fernanda M. Fiordalisi Reg. No. 20,938,  
Thomas P. O'Hare Andrew J. French Reg. No. 22,304, Robert E. Strack Reg. No. 18,700,  
Reg. No. 30,344 601 BUCKNAM and ARCHER, 100 Garden City Plaza,  
Garden City, N. Y. 11530 — Tel. No. (516) 294-8686

our attorney with full power of substitution and revocation, to prosecute this application and to transact all business in  
the Patent and Trademark Office connected therewith.

Wherefore we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the  
foregoing specification and claims, and we hereby subscribe our names to the foregoing specification and claims, declara-  
tion, power of attorney, and this petition.

Date May 16, 1984 Inventor's full name Dr. Sergio ROSINI  
112 Mazzini Street - Pisa (Italy) ITX [Signature]  
Post Office Address (Include Zip Code No.) Signature

Date May 16, 1984 Inventor's full name Dr. Giorgio STAIBANO  
112 Mazzini Street - Pisa (Italy) ITX [Signature]  
Post Office Address (Include Zip Code No.) Signature

Date \_\_\_\_\_ Inventor's full name \_\_\_\_\_  
Post Office Address (Include Zip Code No.) Signature

Date \_\_\_\_\_ Inventor's full name \_\_\_\_\_  
Post Office Address (Include Zip Code No.) Signature

DECLARATION OF SMALL BUSINESS CONCERN  
CLAIMING SMALL ENTITY STATUS

I hereby declare that I am an official of the small business concern identified below and that I am empowered to act on behalf of said concern:

NAME OF CONCERN ISTITUTO GENTILI S.p.A.  
ADDRESS OF CONCERN 112 Mazzini Street  
PISA (Italy)

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled PHARMACOLOGICALLY ACTIVE BIPHOSPHONATES, PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS THEREFROM by inventor(s)

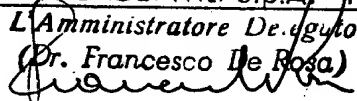
1. Sergio Rosini 2. Giorgio Staibano  
that is described in the specification filed herewith.

I acknowledge the duty to file in this application notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Typed Name of Official Francesco De Rosa  
Title of Official Managing Director of Istituto Gentili S.p.A.  
Address of Official 112 Mazzini Street - Pisa (Italy)

Signature ISTITUTO GENTILI S.p.A. - PISA Date May 16, 1984

*L'Amministratore Delegato*  
*(Dr. Francesco De Rosa)*  


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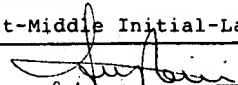
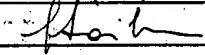
INVENTOR CLAIM FOR  
SMALL ENTITY STATUS

Each of the undersigned inventors hereby declares that he qualifies as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the U.S. Patent and Trademark Office with regard to the invention described in the specification filed herewith, and with regard to the invention disclosed and claimed in the attached application:

- CHECK ONE
- ( ) -none of the undersigned inventors has assigned, granted, conveyed or licensed any rights therein, to any person, concern, or organization and is under no obligation by contract or law to assign, grant, convey or license any rights therein to any person, concern or organization, or
  - ( ) -although at least one of the undersigned inventors has assigned, granted, conveyed or licensed or is under obligation by contract or law, to assign, grant, convey or license rights therein to ISTITUTO GENTILI S.p.A. whose address is 112 Mazzini Street - Pisa (Italy) said recipient of said rights is either
    - (a) a person who could be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or
    - (b) an organization which would qualify as a small business concern under 37 CFR 1.9(d) and a verified statement from this organization averring to its status as a small business concern will be submitted separately in accordance with 37 CFR 1.27.

Each of the undersigned persons acknowledges his duty to file, in this application, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 CFR 1.28(b)).

Each of the undersigned persons hereby declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon, or any patent to which this verified statement is directed.

<u>Typewritten Name</u>	<u>Signature</u>	<u>Date</u>
(First - Middle Initial - Last)	(First-Middle Initial-Last)	Month-Day-Year
Sergio Rosini		May 16, 1984
Giorgio Staibano		May 16, 1984